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ABSTRACT

The 1982 data on degrees and other awards conferred by New Jersey colleges and universities are presented, and historical trends are analyzed. For each institution, information is presented on the number of degrees conferred by type of degree (e.g., associate) and broad program category (e.g., business and management). In addition, historical trends for 1976-1977 through 1981-1982 are analyzed for both statewide and sector-aggregated data. Findings include the following: the total number of degrees in New Jersey increased slightly from 44,790 in 1981 to 45,357 in 1982. This single-year increase reversed a trend of annual decreases since 1977 in the number of degrees conferred. The public colleges and universities awarded 71 percent of all degrees and other formal awards conferred in 1982, and the independent colleges conferred the remaining 29 percent. The independent sector awarded a smaller proportion of its degrees at the baccalaureate level and below, and a higher proportion at the master's and doctoral levels, in comparison with the public sector. Degrees awarded in education, liberal arts, mathematics, and natural sciences decreased at all levels, while certificates and degrees in business, computer science, and engineering and architecture experienced significant growth. (SW)

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Degrees and Other Formal Awards Conferred by New Jersey Colleges & Universities F.Y.1982 and Recent Trends

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DECEMBER 1982

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INTRODUCTION AND SUMMARY

This Data Brief reports[1] degrees and other formal awards[2] conferred by New Jersey colleges and universities in FY 1982, summarizes trends over the past six years, and presents selected comparisons between FY 1981 and FY 1982.

The total number of degrees conferred statewide increased by slightly more than 1% from 44,790 in FY 1981 to 45,357 in FY 1982. This one-year increase reversed a trend of annual decreases since 1977 in the number of degrees conferred. Nevertheless, the total number of awards in 1982 remained below the FY 1977 level (by about 4%).

The public colleges and universities awarded 71% of all degrees and other formal awards conferred in FY 1982, and the independent colleges, the remaining 29% of the total. The data show also that the independent sector awards a smaller proportion of its degrees at the baccalaureate level and below, and a higher proportion at the master's and doctoral levels, in comparison with the public sector. These patterns are consistent with the distribution of enrollments between the two sectors, and between undergraduate and post-baccalaureate level enrollments within each sector.

A comparison of changes by broad program category between FY 1977 and FY 1982 shows the following: degrees awarded in Education, Liberal Arts, Mathematics, and Natural Sciences have decreased at all levels; certificates and degrees in the fields of Business, Computer Science (including related fields such as Data Processing), and Engineering and Architecture have experienced significant growth; and, degrees in Law, Theology, and the Health Professions continue to account for the vast majority of all doctoral and first-professional degrees.

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[1] The data presented in this report are the most current available, and supercede all previously published statistics.

[2] Includes academic certificates and diplomas below the associate degree level, as well as associate, bachelor's, master's, doctoral, and first-professional (in Law, Medicine/Dentistry, and Theology) degrees. Throughout this report, the terms "degrees" and "awards" are used interchangeably and are meant to include any/all of the different types of degrees/awards.

TOTAL DEGREES AND OTHER FORMAL AWARDS CONFERRED

In FY 1982 (i.e., the fiscal year beginning July 1, 1981 and ending June 30, 1982), New Jersey colleges and universities conferred 45,357 degrees and other formal awards. This number represents a slight increase (1.3%) over the number of total degrees and other formal awards conferred in the previous fiscal year. Bachelor's degrees accounted for nearly 55% of the total, followed by associate (22%), master's (17%), doctoral/professional degrees (5%), and certificates (1%).

The total number of degrees and certificates conferred in New Jersey over the six-year period from FY 1977 to FY 1982 exceeded a quarter of a million (274,518). As seen in Table 1, between FY 1981 and FY 1982 there was a slight increase overall and within all award categories except the master's. However, the six-year trend shows an overall decline of 4%, and increases only in the two smallest categories of degrees -- certificates (up 3%) and doctoral/professional degrees (up 21%) -- during the period.

Table 1

DEGREES AND CERTIFICATES (Below the Associate Level)
CONFERRED BY N.J. COLLEGES AND UNIVERSITIES, BY DEGREE LEVEL
FY 1977, FY 1981, & FY 1982

AWARD LEVEL	FY 1977	FY 1981	FY 1982	FY 82/FY 81 1-YR CHANGE #	FY 82/FY 81 1-YR CHANGE %Δ	FY 82/FY 77 5-YR CHANGE #	FY 82/FY 77 5-YR CHANGE %Δ
CERTIFICATES	626	525	645	120	22.9	19	3.0
ASSOCIATE	10,421	9,621	9,798	177	1.8	-623	-6.0
BACHELOR'S	25,534	24,446	24,890	444	1.8	-644	-2.5
MASTER'S	8,540	7,793	7,512	-281	-3.6	-1,028	-12.0
DOCTORAL/PROFESSIONAL	2,081	2,405	2,512	107	4.4	431	20.7
TOTAL AWARDS	47,202	44,790	45,357	567	1.3	-1,845	-3.9

Source: NCES Form #2300-2.1 (Degrees & Other Formal Awards Conferred).

DEGREES CONFERRED BY LEVEL AND SECTOR

Since FY 1977, the distribution of degrees and certificates between the public and independent sectors has been relatively stable. Thus, in FY 1982 the public colleges and universities continued to award 71%, and the independents, 29%, of all degrees.

Certificates

Certificates awarded in academic programs of at least one year's duration but below the associate degree level, are conferred only by institutions in the public sector, with the community colleges accounting for the majority of all certificate awards. The sector's proportion of the total in FY 1982 (81%) represented stability from FY 1977 as seen in Table 2. In contrast, the proportion of all certificates conferred by N.J.I.T. in FY 1982 decreased slightly, and the proportion awarded by U.M.D.N.J. increased slightly compared with the FY 1977 distribution.

Associate Degrees

In FY 1982, 9,798 associate degrees were conferred in New Jersey. This number represents a slight increase from the previous year (9,621), resulting in the reversal of a pattern of annual decreases in the recent past. The increase, however, was not large enough to bring the number of associate degrees back to the FY 1977 level of more than 10,000.

As seen in Table 2, the overwhelming majority (91%) of associate degrees continue to be conferred by the community colleges. Nevertheless, the number of these degrees awarded annually declined, due to both increasing numbers of part-time undergraduates who take longer to graduate, and increasing numbers of undergraduates who transfer from community colleges to four-year colleges in New Jersey prior to completing the requirements for the associate degree.

Table 2

CERTIFICATES AND ASSOCIATE DEGREES CONFERRED, BY COLLEGE SECTOR: FY 1977 AND FY 1982

AWARD/SECTOR	1977 #	1977 (%)	1982 #	1982 (%)	Change #	Change %Δ
CERTIFICATES						
Community Colleges	508	(81.2)	523	(81.1)	15	3.0
N.J.I.T.	71	(11.3)	46	(7.1)	-25	-35.0
U.M.D.N.J.	47	(7.5)	76	(11.8)	29	61.7
Total	626	(100.0)	645	(100.0)	19	3.0
ASSOCIATES						
Community Colleges	9,510	(91.3)	8,924	(91.1)	-886	-9.3
Rutgers*	20	(0.2)	2	*	-18	-90.0*
Thomas Edison	210	(2.0)	202	(2.1)	-8	-3.8
Independent Colleges	681	(6.5)	670	(6.8)	-11	-1.6
Total	10,421	(100.0)	9,798	(100.0)	-623	-6.0

Source: NCES Form #2300-2.1 (Degrees & Other Formal Awards Conferred)

*The small number of graduates in 1982 and the large percent decline from 1977 are attributable to Rutgers University's discontinuance (in 1981) of its associate degree programs.

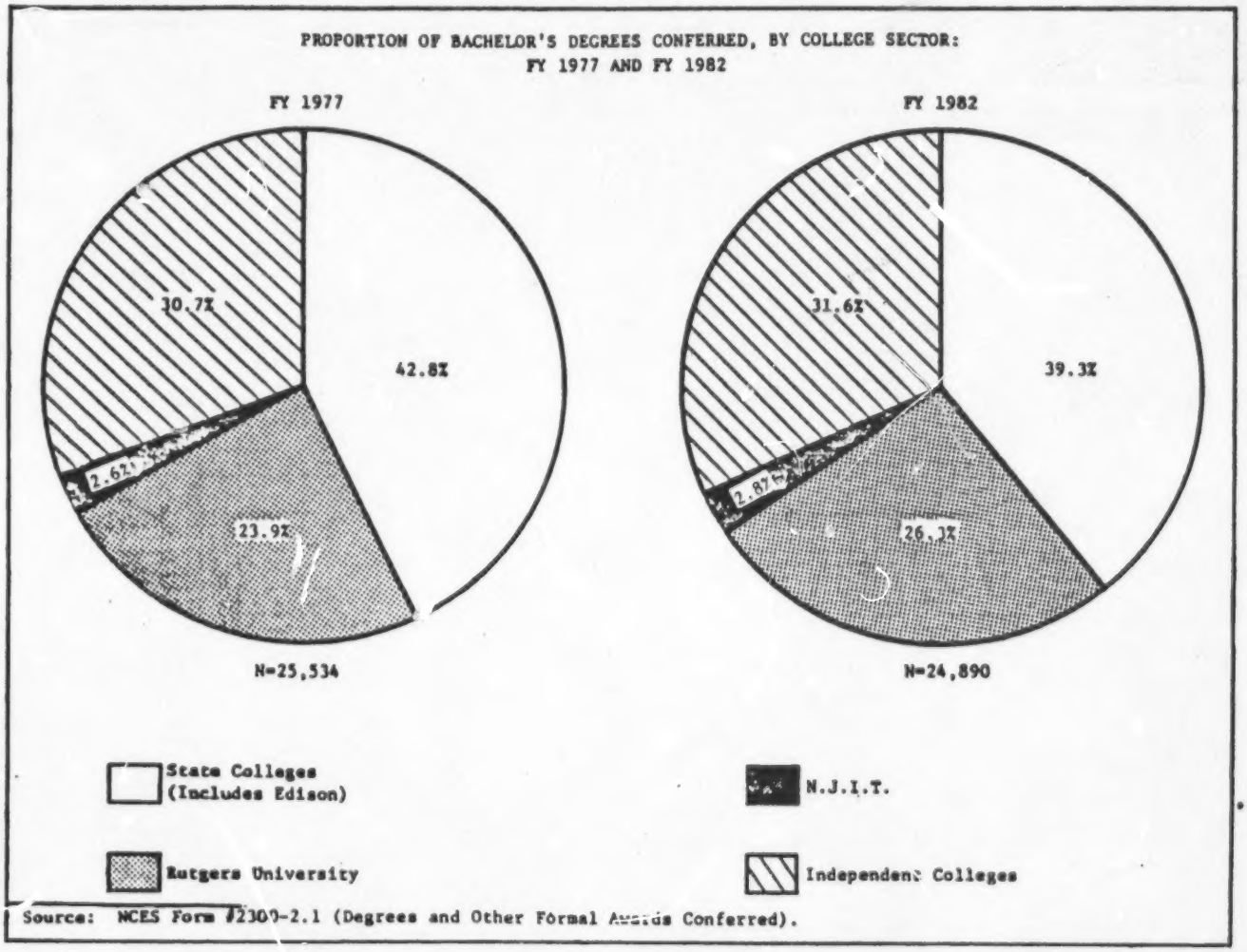
Bachelor's Degrees

During FY 1982, 24,890 bachelor's degrees were conferred, resulting in a nearly 2% increase over the previous year. Although this represents the second consecutive year of increase in the number of degrees conferred at this level, the number is below the high in FY 1977 of 25,534.

The state colleges (including Thomas A. Edison State College), followed by the independent colleges, continue to award the largest proportions of these degrees with, respectively, 39% and 32% in FY 1982 (Figure 1). Rutgers accounted for 26% and N.J.I.T., the remaining 3% of bachelor's degrees. While the proportions of degrees awarded by

Rutgers, N.J.I.T., and the independent institutions have increased over the six-year period, the state colleges' (including Edison) proportion has declined from nearly 43% of the total to slightly over 39%.

FIGURE 1



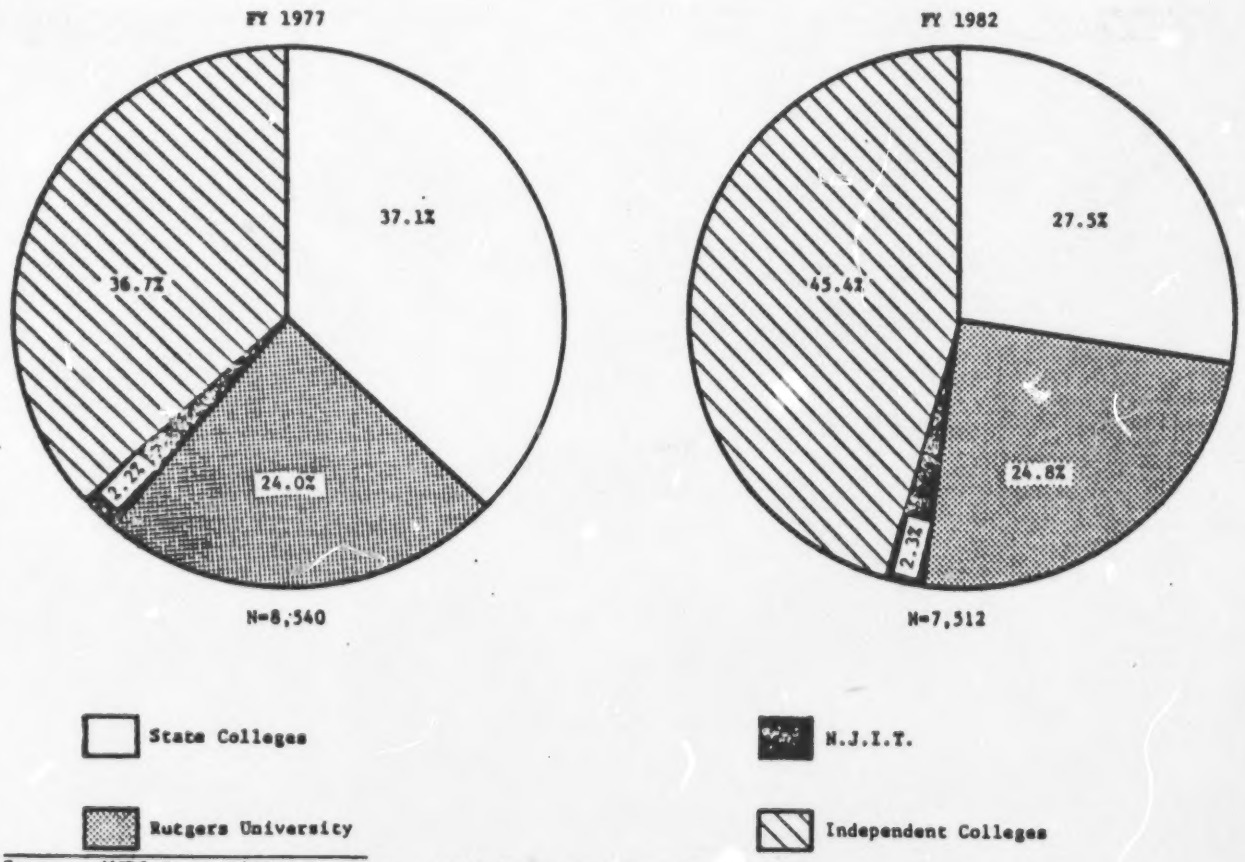
Master's Degrees

As shown in Table 1, the number of master's degrees conferred in FY 1982 was 7,512, reflecting a 4% decrease from FY 1981 and a level 12% below that of FY 1977, when 8,540 master's degrees were awarded. Of the smaller total number of master's degrees in the state in FY 1982, the independent colleges awarded over 45%, up from 37% in FY 1977.

Both Rutgers and N.J.I.T. exhibited little changes between FY 1977 and FY 1982 in their respective proportions of the total, while the state colleges registered a decline, from 37% to 27%, over the six-year period.

FIGURE 2

PROPORTION OF MASTER'S DEGREES CONFERRED, BY COLLEGE SECTOR: FY 1977 AND FY 1982



Source: NCES Form #2300-2.1 (Degrees and Other Formal Awards Conferred).

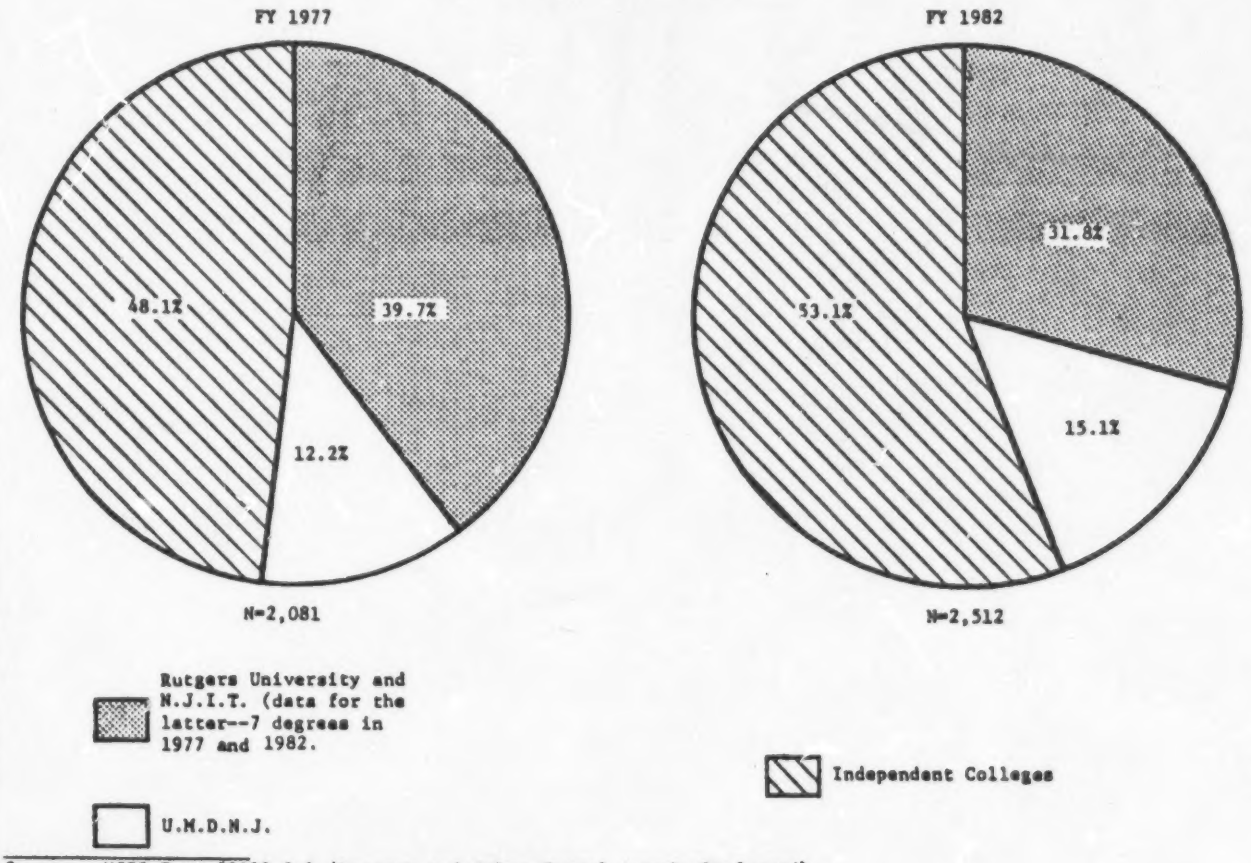
Doctoral and First-Professional Degrees[3]

Total doctoral and first-professional degrees conferred in New Jersey in FY 1982 increased 6% over FY 1981 and 21% over FY 1977 levels. Figure 3 displays the distribution of these degrees by college sector in FY 1977 and FY 1982.

[3] For the purposes of this report, data on doctoral (Ed.D., Ph.D.) and first-professional (J.D., M.D., D.D.S., etc.) degrees have been combined. The latter account for more than two-thirds of degrees in this combined category.

Figure 3

PROPORTION OF DOCTORAL/FIRST-PROFESSIONAL DEGREES CONFERRED, BY COLLEGE SECTOR: FY 1977 AND FY 1982



Source: NCES Form #2300-2.1 (Degrees and Other Formal Awards Conferred).

The six-year growth in the number of these degrees awarded is attributable to increases among the independent colleges and universities -- 333 more degrees in FY 1982 than in FY 1977 -- and U.M.D.N.J., with 126 more degrees. By comparison, the number of degrees awarded by Rutgers in FY 1982 was 28 fewer than in FY 1977, while the number for N.J.I.T. remained the same. As a result, the relative proportion of the total doctoral/first-professional degrees awarded by Rutgers and N.J.I.T. declined from 40% in FY 1977 to 32% in FY 1982; increased for U.M.D.N.J. from 12% to 15% for FY 1977 and FY 1982, respectively; and increased for independent institutions from 48% to 53%.

DEGREES CONFERRED BY LEVEL AND PROGRAM CATEGORY

In addition to the trends in the total numbers of certificates and degrees awarded between fiscal years 1977 and 1982, significant shifts have occurred within degree levels in terms of the broad program areas in which degrees are conferred. A downward trend in fields such as Liberal Arts and Education continues, as does a pattern of increases in Business, Computer Science, and Engineering.

Certificates

Certificates are awarded in six technology areas: Business, Data Processing, Health/Paramedical, Mechanical/Engineering, Natural Sciences, and Public Service. Although the total number of awards in FY 1982 was only 16 higher than in FY 1977, dramatic shifts among the program areas occurred. Thus, a substantial (37%) decline of 158 certificates in Health/Paramedical Technologies was offset largely by dramatic increases in Business and Data Processing Technologies, the latter's combined share of all certificates rising from 11% in FY 1977 to 35% in FY 1982 (Table 3).

Table 3

CERTIFICATES AWARDED BY N.J. COLLEGES & UNIVERSITIES, BY PROGRAM CATEGORY: FY 1977 AND FY 1982

PROGRAM CATEGORY	1977 #	1977 (%)	1982 #	1982 (%)	Change #	Change %Δ
Business Technologies	58	(9.2)	147	(22.8)	89	153.4
Data Processing Technologies	18	(2.9)	79	(12.3)	61	388.9
Health/Paramedical Technologies	427	(67.9)	269	(41.7)	-158	-37.0
Mechanical/Engineering Technologies	103	(16.4)	122	(18.9)	19	18.4
Natural Sciences Technologies	1	(0.1)	8	(1.2)	7	700.0
Public Service Technologies	22	(3.5)	20	(3.1)	-2	-9.1
Total	629	(100.0)	645	(100.0)	16	2.5

Source: NCES Form #2300-2.1 (Degrees and Other Formal Awards Conferred).

Associate Degrees

The number of associate degrees awarded in FY 1982 was 623 fewer than the number awarded in FY 1977, representing a decline of 6%. However, the decline is not uniform across all broad program categories. Rather, it reflects a large decrease in degrees in the Arts and Sciences, and in Health/Paramedical, Natural Sciences, and Public Services Technologies that was offset by dramatic increases in Business, Data Processing, and Mechanical/Engineering Technologies. As a proportion of all associate degrees, degrees in technological fields grew from 55% in FY 1977 to 69% in FY 1982. Business Technologies degrees alone rose from 17% to 28% during the period.

Table 4

ASSOCIATE DEGREES CONFERRED BY N.J. COLLEGES & UNIVERSITIES, BY PROGRAM CATEGORY: FY 1977 AND FY 1982

PROGRAM CATEGORY	1977 #	1977 (%)	1982 #	1982 (%)	Change #	Change %Δ
Arts & Sciences	4,629	(44.4)	3,056	(31.2)	-1,573	-34.0
Business Technologies	1,786	(17.1)	2,708	(27.6)	922	51.6
Data Processing Technologies	255	(2.5)	619	(6.3)	364	142.7
Health/Paramedical Technologies	1,919	(18.4)	1,673	(17.1)	-246	-12.8
Mechanical/Engineering Technologies	569	(5.5)	815	(8.3)	246	43.2
Natural Sciences Technologies	108	(1.0)	76	(0.8)	-32	-29.6
Public Service Technologies	1,155	(11.1)	851	(8.7)	-304	-26.3
Total	10,421	(100.0)	9,798	(100.0)	-623	-6.0

Source: NCES Form #2300-2.1 (Degrees and Other Formal Awards Conferred).

Bachelor's Degrees

The total number of bachelor's degrees awarded in FY 1982 represented a decrease of two and a half percent from the number awarded in FY 1977. The greatest decline is seen in Education, followed by the declines in Mathematics, Liberal Arts, and the Natural Science (Table 5). As a result of the significant growth in the number of degrees conferred in Business, Computer Science, and Engineering and Architecture, 37% of all bachelor's degrees were awarded in these fields in 1982. In 1977, these same fields accounted for 26% of the total number of awards. The Liberal Arts continue to predominate at the bachelor's level, although their aggregate proportion of the total has declined from 36% in FY 1977 to 30% in FY 1982.

These trends indicate that the steady decline in the number of bachelor's degrees awarded in some fields, such as Education and Mathematics, has not abated. On the other hand, the FY 1982 data confirm that the popularity of fields such as Computer Science and Business continues, and contributes to their dramatic patterns of growth.

Table 5

BACHELOR'S DEGREES CONFERRED BY N.J. COLLEGES & UNIVERSITIES, BY PROGRAM CATEGORY: FY 1977 AND FY 1982

PROGRAM CATEGORY	1977 #	1977 (%)	1982 #	1982 (%)	Change #	Change %Δ
Business	4,953	(19.4)	6,522	(26.2)	1,569	31.7
Computer Science	115	(0.4)	562	(2.3)	447	388.7
Education	3,956	(15.5)	2,289	(9.2)	-1,667	-42.1
Engineering/Architecture	1,589	(6.2)	2,103	(8.4)	514	32.3
Health Professions	1,243	(4.9)	1,332	(5.4)	89	7.2
Public Affairs	898	(3.5)	973	(3.9)	75	8.4
Mathematics	448	(1.8)	283	(1.1)	-165	-36.8
Natural Sciences*	2,494	(9.8)	2,167	(8.7)	-327	-13.1
Liberal Arts**	9,067	(35.5)	7,574	(30.4)	-1,493	-16.5
Other***	771	(3.0)	1,085	(4.4)	314	40.7
Total	25,534	(100.0)	24,890	(100.0)	-644	-2.5

*Natural Sciences includes: Agriculture/Natural Resources, Biological Sciences, and Physical Sciences

**Liberal Arts includes: Area Studies, Fine and Applied Arts, Foreign Languages, Letters, Psychology, Social Sciences, Theology, and Interdisciplinary Studies.

***Other includes: Communications, Home Economics, and Library Service.

Source: NCES Form #2300-2.1 (Degrees and Other Formal Awards Conferred).

Master's Degrees

The total number of master's degrees conferred in FY 1982 was 12% below the FY 1977 level. However, the pattern of growth and decline by program category for this level generally follows that found for bachelor's degrees: Business and Computer Science continue to be growth areas, while Education, Mathematics, and Liberal Arts continue to decline.

Although Education is still the largest single field of concentration at the master's level, its FY 1982 proportion (35%) represents a decline from 42% in FY 1977. Growth in the number of Business master's degrees has resulted in this field's proportional representation increasing from 18% to 24% in the six-year period. Proportional increases also occurred in the fields of Computer Science, Health Professions, and Public Affairs, while all other fields declined as a proportion of the total.

Doctoral and First-Professional Degrees

The number of doctoral/first-professional degrees awarded in FY 1982 was 20% greater than in FY 1977. The program areas which largely accounted for this growth were Theology, increasing by 83%, and Health Professions, with an increase of 37% for the period. Law also experienced growth, as did the fields of Business, Computer Science, Library Science, and Public Affairs (although the numbers of degrees in these latter four areas are very small).

Similar to the pattern for other degree levels, the number of degrees in Education, Mathematics, Natural Sciences, and Liberal Arts decreased. In addition, doctoral degrees in Engineering/Architecture declined between FY 1977 and FY 1982.

Table 6

MASTER'S DEGREES CONFERRED BY N.J. COLLEGES & UNIVERSITIES, BY PROGRAM CATEGORY: FY 1977 AND FY 1982

PROGRAM CATEGORY	1977 #	1977 (%)	1982 #	1982 (%)	Change #	Change %Δ
Business	1,528	(17.9)	1,786	(23.8)	258	16.9
Computer Science	131	(1.5)	347	(4.6)	216	164.9
Education	3,579	(41.9)	2,602	(34.6)	-977	-27.3
Engineering/Architecture	567	(6.7)	564	(7.5)	-3	-0.5
Health Professions	142	(1.7)	204	(2.7)	62	43.7
Public Affairs	453	(5.3)	490	(6.5)	37	8.2
Mathematics	165	(1.9)	66	(0.9)	-99	-60.0
Natural Sciences*	480	(5.6)	423	(5.6)	-57	-11.9
Liberal Arts**	1,248	(14.6)	846	(11.3)	-402	-32.2
Other***	247	(2.9)	184	(2.5)	-63	-25.5
Total	8,540	(100.0)	7,512	(100.0)	-1,028	-12.0

*Natural Sciences includes: Agriculture/Natural Resources, Biological Sciences, and Physical Sciences.

**Liberal Arts includes: Area Studies, Fine and Applied Arts, Foreign Languages, Letters, Psychology, Social Sciences, Theology, and Interdisciplinary Studies.

***Other includes: Communications, Home Economics, and Library Service.

Source: NCES Form #2300-2.1 (Degrees and Other Formal Awards Conferred).

Table 7

DOCTORAL/FIRST-PROFESSIONAL DEGREES CONFERRED BY N.J. COLLEGES & UNIVERSITIES, BY PROGRAM CATEGORY: FY 1977 AND FY 1982

PROGRAM CATEGORY	1977 #	1977 (%)	1982 #	1982 (%)	Change #	Change %Δ
Education	111	(5.3)	109	(4.3)	-2	-1.8
Engineering/Architecture	83	(4.0)	69	(2.8)	-14	-16.9
Health Professions	330	(15.9)	451	(18.0)	121	36.7
Law	696	(33.4)	772	(30.7)	76	10.9
Mathematics	43	(2.1)	30	(1.2)	-13	-30.2
Theology	352	(16.9)	646	(25.7)	294	83.5
Natural Sciences*	193	(9.3)	179	(7.1)	-14	-7.3
Liberal Arts***	256	(12.3)	225	(9.0)	-31	-12.1
Other***	17	(0.8)	31	(1.2)	14	82.4
Total	2,081	(100.0)	2,512	(100.0)	431	20.7

*Natural Sciences includes: Agriculture/Natural Resources, Biological Sciences, and Physical Sciences.

**Liberal Arts: includes same categories as listed in note on Table 5 except Theology, which is shown separately.

***Other includes: Business, Computer Science, Public Affairs, and Library Science.

Source: NCES Form #2300-2.1 (Degrees and Other Formal Awards Conferred).

APPENDIX

STATISTICAL COMPILATIONS

Table A-1

STATEWIDE SUMMARY: CERTIFICATES AND ASSOCIATE DEGREES CONFERRED BY MAJOR CATEGORY, F.Y. 1977 THROUGH F.Y. 1982

Major Category	Number of Awards			1-Year Changes (1982/1981)		5-Year Changes (1982/1977)		Category Dist.
	1977	1981	1982	Number	Perc't	Number	Perc't	1982
CERTIFICATES								
Business Technologies	58	120	147	43	41.3%	89	153.4%	23%
Data Processing Technologies	15	40	79	48	154.8%	64	426.7%	12%
Health/Paramedic Technologies	427	267	269	1	0.4%	-158	-37.0%	42%
Mech/Engineering Technologies	103	74	122	47	62.7%	19	18.4%	19%
Natural Science Technologies	1	8	8	--	--	7	700.0%	1%
Public Service Technologies	22	16	20	4	25.0%	-2	-9.1%	3%
TOTAL, ALL CATEGORIES	626	525	645	120	22.9%	19	3.0%	100%
ASSOCIATE DEGREES								
Arts and Sciences	4,629	2,985	3,056	71	2.4%	-1,573	-34.0%	31%
Business Technologies	1,786	2,628	2,708	80	3.0%	922	51.6%	28%
Data Processing Technologies	255	494	619	125	25.3%	364	142.7%	6%
Health/Paramedic Technologies	1,919	1,658	1,673	15	1.0%	-246	-12.8%	17%
Mech/Engineering Technologies	569	730	815	85	11.6%	246	43.2%	8%
Natural Science Technologies	108	119	76	-43	-36.1%	-32	-29.6%	1%
Public Service Technologies	1,155	1,007	851	-156	-15.5%	-304	-26.3%	9%
Technologies Sub-Total	5,792	6,636	6,742	106	1.6%	950	16.4%	69%
TOTAL, ALL CATEGORIES	10,421	9,621	9,798	177	1.8%	-623	-6.0%	100%

Source: NCES HEGIS Form 2300-2.1 (Degrees and Other Formal Awards Conferred, 1977 through 1982).

Because percentages are rounded to whole numbers, percents that are less than one-half of one percent are shown as 0%.

Table A-2

SECTOR SUMMARY: DISTRIBUTION OF PRE-ASSOCIATE CERTIFICATES CONFERRED BY MAJOR CATEGORY, F.Y. 1982

Major Category	Total Certificates Conferred				Distribution of Certificates Conferred			
	Community Colleges	UMDNJ	NJIT	Total	Community Colleges	UMDNJ	NJIT	Total
Business Technologies	147	--	--	147	28%	--	--	23%
Data Processing Technologies	79	--	--	79	15%	--	--	12%
Health/Paramedic Technologies	193	76	--	269	37%	100%	--	42%
Mech/Engineering Technologies	76	--	46	122	14%	--	100%	19%
Natural Science Technologies	8	--	--	8	2%	--	--	1%
Public Service Technologies	20	--	--	20	4%	--	--	3%
TOTAL, ALL CATEGORIES	523	76	46	645	100%	100%	100%	100%

Table A-3

SECTOR SUMMARY: DISTRIBUTION OF ASSOCIATE DEGREES CONFERRED BY MAJOR CATEGORY, F.Y. 1982

Major Category	Total Associate Degrees Conferred					Distribution of Associate Degrees Conferred				
	Community Colleges	Rutgers	Edison	Independ. Colleges	Total	Community Colleges	Rutgers	Edison	Independ. Colleges	Total
Arts and Sciences	2,574	--	159	323	3,056	29%	--	79%	48%	31%
Business Technologies	2,539	--	43	126	2,708	28%	--	21%	19%	28%
Data Processing Technologies	587	--	--	32	619	7%	--	--	5%	6%
Health/Paramedic Technologies	1,536	--	--	137	1,673	17%	--	--	20%	17%
Mech/Engineering Technologies	815	--	--	--	815	9%	--	--	--	8%
Natural Science Technologies	76	--	--	--	76	1%	--	--	--	1%
Public Service Technologies	797	2	--	52	851	9%	100%	--	8%	9%
Technologies Sub-Total	6,350	2	43	347	6,742	71%	100%	21%	52%	69%
TOTAL, ALL CATEGORIES	8,924	2	202	670	9,798	100%	100%	100%	100%	100%

Source: NCES HEGIS Form 2300-2.1 (Degrees and Other Formal Awards Conferred, F.Y. 1982).

Table A-4

PRE-ASSOCIATE CERTIFICATES AND ASSOCIATE DEGREES CONFERRED BY MAJOR CATEGORY AT N.J. COMMUNITY COLLEGES, F.Y. 1982

Major Category	Atlantic	Bergen	Brookdale	Burlington	Camden	Cumberland	Essex	Gloucester	Hudson	Mercer	Middlesex	Morris	Ocean	Passaic	Salem	Somerset	Union	Total, Community Colleges
Business Technologies	21	19	9	--	--	--	6	4	2	20	34	9	5	--	16	--	2	147
Data Processing Technologies	--	13	--	--	12	--	6	5	4	29	10	--	--	--	--	--	--	79
Health/Paramedic Technologies	10	14	--	--	--	--	--	16	6	39	8	26	--	9	22	--	43	193
Mech/Engineering Technologies	1	--	8	--	--	1	--	1	--	11	7	19	--	--	28	--	--	76
Natural Science Technologies	--	--	--	--	--	--	--	--	6	2	--	--	--	--	--	--	--	8
Public Service Technologies	1	1	--	--	9	--	--	--	--	--	5	--	4	--	--	--	--	20
TOTAL, ALL CATEGORIES	33	47	17	--	21	1	12	26	18	101	64	54	9	9	66	--	45	523
ASSOCIATE DEGREES																		
Arts and Sciences	103	192	229	343	33	70	79	45	0	93	170	648	301	20	25	103	120	2,574
Business Technologies	79	284	328	49	176	39	92	73	51	241	449	133	143	26	36	170	170	2,539
Data Processing Technologies	--	65	63	23	38	10	19	30	24	30	71	93	37	9	--	50	25	587
Health/Paramedic Technologies	113	210	120	14	80	55	75	120	18	97	157	131	48	46	--	60	192	1,536
Mech/Engineering Technologies	7	8	46	23	56	10	36	28	14	110	136	109	48	--	31	38	115	815
Natural Science Technologies	--	14	9	--	--	6	--	--	--	19	21	7	--	--	--	--	--	76
Public Service Technologies	12	52	95	9	109	27	50	49	21	63	101	66	63	22	--	17	41	797
Technologies Sub-Total	211	633	661	118	459	147	272	300	128	560	935	539	339	103	67	335	543	6,350
TOTAL, ALL CATEGORIES	314	825	890	461	492	217	351	345	128	653	1,105	1,187	640	123	92	438	663	8,924

Source: NCES HEGIS Form 2300-2.1 (Degrees and Other Formal Awards Conferred, F.Y. 1981).

Table A-5

PRE-ASSOCIATE CERTIFICATES AND ASSOCIATE DEGREES CONFERRED BY MAJOR CATEGORY AT N.J. PUBLIC FOUR-YEAR COLLEGES & INDEPENDENT COLLEGES, F.Y. 1982

Major Category	Rutgers	U.M.D.N.J.	N.J.I.T.	Edison	Total, Public 4-Yr. Colleges	Assumption	Caldwell	Edward Williams	Fairleigh Dickinson	Felician	Monmouth	Northeastern	Rider	St.Peter's	Upsala	Total, Independent Colleges
CERTIFICATES																
Health/Paramedic Technologies	--	--	--	76	76	--	--	--	--	--	--	--	--	--	--	--
Mech/Engineering Technologies	--	46	--	--	46	--	--	--	--	--	--	--	--	--	--	--
TOTAL, ALL CATEGORIES	--	46	--	76	122	--	--	--	--	--	--	--	--	--	--	--
ASSOCIATE DEGREES																
Arts and Sciences	--	--	159	--	159	9	31	186	--	5	12	9	5	47	19	323
Business Technologies	--	--	43	--	43	--	113	--	--	--	10	--	--	--	3	126
Data Processing Technologies	--	--	--	--	--	--	--	--	--	--	--	--	32	--	--	32
Health/Paramedic Technologies	--	--	--	--	--	--	--	--	50	87	--	--	--	--	--	137
Public Service Technologies	2	--	--	--	2	--	23	--	--	--	--	--	3	26	--	52
Technologies Sub-Total	2	--	43	--	45	--	136	--	50	87	10	--	35	26	3	347
TOTAL, ALL CATEGORIES	2	--	202	--	204	9	167	186	50	92	22	9	40	73	22	670

Source: NCES HEGIS Form 2300-2.1 (Degrees and Other Formal Awards Conferred, F.Y. 1982).

Table A-6

STATEWIDE SUMMARY: BACHELOR'S DEGREES CONFERRED BY MAJOR CATEGORY, F.Y. 1977, 1981 & 1982

Major Category	Number of Bachelor's Degrees Conferred			Category Distribution		1-Year Changes (1982/1981)		5-Year Changes (1982/1977	
	1977	1981	1982	1977	1982	Number	Perc't	Number	Perc't
Agriculture/Natural Resources	246	309	277	1%	1%	-32	-10%	31	13%
Architecture/Environ Design	117	156	141	0%	1%	-15	-10%	24	21%
Area Studies	113	67	52	0%	0%	-15	-22%	-61	-54%
Biological Sciences	1,701	1,510	1,343	7%	6%	-167	-11%	-358	-21%
Business/Management	4,953	5,974	6,522	19%	26%	548	9%	1,569	32%
Communications	414	698	803	2%	3%	105	15%	389	94%
Computer/Information Science	115	403	562	1%	2%	159	40%	447	389%
Education	3,956	2,420	2,289	16%	9%	-131	-5%	1,667	-42%
Engineering	1,472	1,776	1,962	6%	8%	186	10%	490	33%
Fine and Applied Arts	1,400	1,086	1,134	5%	5%	48	4%	-266	-19%
Foreign Languages	494	321	275	2%	1%	-46	-15%	-219	-44%
Health Professions	1,243	1,342	1,332	5%	5%	-10	-1%	89	7%
Home Economics	314	326	266	1%	1%	-60	-18%	-48	-15%
Letters	1,395	1,232	1,185	5%	5%	-47	-4%	-210	-15%
Library Science	43	17	16	0%	0%	-1	-6%	-27	-63%
Mathematics	448	295	283	2%	1%	-12	-4%	-165	-37%
Physical Sciences	547	556	547	2%	2%	-9	-2%	--	--
Psychology	1,520	1,341	1,370	6%	6%	29	2%	-150	-10%
Public Affairs and Services	898	913	973	4%	4%	60	7%	75	8%
Social Sciences	3,654	3,091	3,034	14%	12%	-57	-2%	-620	-17%
Theological Professions	84	126	114	0%	0%	-12	-10%	30	36%
Interdisciplinary Studies	407	507	410	2%	2%	-97	-19%	3	1%
TOTAL, ALL CATEGORIES	25,534	24,446	24,890	100%	100%	444	2%	-644	-3%

Source: NCES HEGIS Form 2300-2.1 (Degrees and Other Formal Awards Conferred, 1977 through 1982).

Table A-7

SECTOR SUMMARY: DISTRIBUTION OF BACHELOR'S DEGREES CONFERRED BY MAJOR CATEGORY, F.Y. 1982

Major Category	Total Bachelor's Conferred						Distribution of Bachelor's Degrees Conferred*					
	State Colleges	Rutgers	NJIT	Edison	Independ. Colleges	Total	State Colleges	Rutgers	NJIT	Edison	Independ. Colleges	Total
Agriculture/Natural Resources	--	277	--	--	--	277	--	4%	--	--	--	1%
Architecture/Environ Design	--	66	53	--	22	141	--	1%	7%	--	0%	1%
Area Studies	15	17	--	--	20	52	0%	0%	--	--	0%	0%
Biological Sciences	361	532	--	--	450	1,343	4%	8%	--	--	6%	5%
Business/Management	2,395	1,194	25	61	2,847	6,522	25%	18%	4%	20%	36%	26%
Communications	328	292	--	--	183	803	3%	5%	--	--	2%	3%
Computer/Information Sciences	205	186	41	--	130	562	2%	3%	6%	--	2%	2%
Education	1,716	80	--	--	493	2,289	18%	1%	--	--	6%	9%
Engineering	136	486	570	--	770	1,962	1%	8%	82%	--	10%	8%
Fine and Applied Arts	669	257	--	--	208	1,134	7%	4%	--	--	3%	5%
Foreign Languages	79	111	--	--	85	275	1%	2%	--	--	1%	1%
Health Professions	644	353	--	--	335	1,332	7%	5%	--	--	4%	5%
Home Economics	179	76	--	--	11	266	2%	1%	--	--	0%	1%
Letters	331	443	--	--	411	1,185	4%	7%	--	--	5%	5%
Library Science	16	--	--	--	--	16	0%	--	--	--	--	0%
Mathematics	136	77	--	--	70	283	1%	1%	--	--	1%	1%
Physical Sciences	165	222	3	--	157	547	2%	3%	1%	--	2%	2%
Psychology	541	460	--	--	369	1,370	6%	7%	--	--	5%	6%
Public Affairs and Sciences	633	80	--	34	226	973	7%	1%	--	11%	3%	4%
Social Sciences	821	1,225	--	93	895	3,034	9%	19%	--	30%	11%	12%
Theological Professions	--	--	--	--	114	114	--	--	--	--	2%	1%
Interdisciplinary	111	115	--	124	60	410	1%	2%	--	39%	1%	2%
TOTAL, ALL CATEGORIES	9,481	6,549	692	312	7,856	24,890	100%	100%	100%	100%	100%	100%

Source: NCES HEGIS Form 2300-2.1 (Degrees and Other Formal Awards Conferred, F.Y. 1982).

*Because percentages are rounded to whole numbers, percents that are less than one-half of one percent are shown as 0%.

Table A-8

BACHELOR'S DEGREES CONFERRED BY MAJOR CATEGORY AT N.J. PUBLIC COLLEGES, F.Y. 1982

Major Category	Glassboro	Jersey City	Kean	Montclair	Ramapo	Stockton	Trenton	William Paterson	Total, State Colleges	Rutgers University				N.J.I.T.	Thomas Edison	Total, Public Colleges
										Camden Campus	Newark Campus	New Brunswick Campus	Total, Rutgers			
Agriculture/Natural Resources	--	--	--	--	--	--	--	--	--	--	--	277	277	--	--	277
Architecture/Environ Design	--	--	--	--	--	--	--	--	--	--	--	66	66	53	--	119
Area Studies	--	--	--	--	15	--	--	--	15	--	--	17	17	--	--	32
Biological Sciences	20	25	42	62	34	121	36	21	361	24	114	394	532	--	--	893
Business/Management	324	139	280	571	217	233	255	376	2,395	299	379	516	1,194	25	61	3,675
Communications	149	38	--	--	34	--	--	107	328	--	--	292	292	--	--	620
Computer/Information Sciences	--	9	91	69	--	36	--	--	205	6	--	180	186	41	--	432
Education	460	136	291	198	--	--	364	267	1,716	--	4	76	80	--	--	1,796
Engineering	5	--	30	--	--	--	101	--	136	--	--	486	486	570	--	1,192
Fine and Applied Arts	84	69	93	177	24	43	109	70	669	22	32	203	257	--	--	926
Foreign Languages	11	--	11	52	--	--	--	5	79	10	13	88	111	--	--	190
Health Professions	--	155	43	59	--	61	189	137	644	50	119	184	353	--	--	997
Home Economics	25	--	--	154	--	--	--	--	179	--	--	76	76	--	--	255
Letters	21	20	69	101	27	19	49	25	331	39	36	368	443	--	--	774
Library Science	--	--	8	--	--	--	8	--	16	--	--	--	--	--	--	16
Mathematics	19	28	8	34	6	6	24	11	136	10	2	65	77	--	--	213
Physical Sciences	15	14	37	34	12	27	23	3	165	10	39	173	222	3	--	390
Psychology	62	21	55	149	66	45	100	43	541	38	68	354	460	--	--	1,001
Public Affairs and Services	116	85	92	49	7	54	153	77	633	30	12	38	80	--	34	747
Social Sciences	77	78	116	200	67	112	91	80	821	90	157	978	1,225	--	93	2,139
Interdisciplinary Studies	--	--	--	4	59	10	--	38	111	3	12	100	115	--	124	350
TOTAL, ALL CATEGORIES	1,388	817	1,266	1,913	568	767	1,502	1,260	9,481	631	987	4,931	6,549	692	312	17,034

Source: NCES HEGIS Form 2300-2.1 (Degrees and Other Formal Awards Conferred, F.Y. 1982).

Table A-9

BACHELOR'S DEGREES CONFERRED BY MAJOR CATEGORY AT N.J. INDEPENDENT COLLEGES, F.Y. 1982

Major Category	Beth Medrash	Bloomfield	Caldwell	Centenary	Don Bosco	Drew	FDU Madison	FDU Rutherford	FDU Teaneck	Felician	Georgian Court	Monmouth	Northeastern	Princeton	Rabbinical	Rider	St. Elizabeth's	St. Peter's	Seton Hall	Stevens	Upsala	Westminster	Total, Independent Colleges
Architecture/Envir Design	--	--	--	--	--	--	--	--	--	--	--	--	--	22	--	--	--	--	--	--	--	--	22
Area Studies	--	--	--	--	--	2	--	--	5	--	--	--	--	10	--	--	--	--	3	--	--	--	20
Biological Sciences	--	8	6	--	--	47	57	28	67	3	4	25	--	75	--	6	40	23	45	--	16	--	450
Business/Management	--	124	26	25	--	--	330	225	402	--	39	211	--	--	--	590	--	257	480	--	138	--	2,847
Communications	--	--	--	--	--	--	--	--	44	--	--	--	--	--	--	17	--	--	122	--	--	--	183
Computer/Information Sci	--	--	--	--	--	--	--	--	25	--	--	23	--	--	--	--	--	43	17	22	--	--	130
Education	--	--	8	21	--	--	30	19	49	15	60	51	--	--	--	59	23	30	110	--	--	18	493
Engineering	--	--	--	--	--	--	--	--	252	--	--	23	--	212	--	--	--	--	--	283	--	--	770
Fine and Applied Arts	--	2	15	6	--	36	8	7	10	1	8	18	--	34	--	6	5	2	11	--	6	33	208
Foreign Languages	--	--	3	--	--	17	3	1	6	--	8	2	--	19	--	6	--	6	11	--	3	--	85
Health Professions	--	19	2	1	--	--	13	92	32	17	--	5	--	--	--	--	6	4	144	--	--	--	335
Home Economics	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11	--	--	--	--	--	11
Letters	--	10	13	--	6	45	19	11	17	1	9	17	--	158	--	28	12	15	36	--	14	--	411
Mathematics	--	1	2	--	--	13	8	--	1	--	4	2	--	19	--	--	3	6	11	--	--	--	70
Physical Sciences	--	3	1	--	--	13	11	4	6	--	3	3	--	52	--	8	5	3	13	20	12	--	157
Psychology	--	23	10	--	--	45	35	19	31	6	8	25	--	60	--	18	2	16	49	--	22	--	369
Public Affairs & Services	--	--	--	24	--	--	15	--	25	--	10	23	--	63	--	--	--	--	60	--	6	--	226
Social Sciences	--	22	16	--	--	176	38	25	25	--	21	42	--	311	--	28	9	41	111	--	30	--	895
Theological Professions	21	--	--	--	--	--	--	--	--	--	--	--	42	--	51	--	--	--	--	--	--	--	114
Interdisciplinary Studies	--	--	--	15	--	4	--	--	9	1	6	--	--	9	--	--	--	13	3	--	--	--	60
TOTAL, ALL CATEGORIES	21	212	102	92	6	398	567	431	1,006	44	180	470	42	1,044	51	766	116	459	1,226	325	247	51	7,856

Source: NCES HEGIS Form 2300-2.1 (Degrees and Other Formal Awards Conferred, F.Y. 1982).

Table A-10

STATEWIDE SUMMARY: MASTER'S DEGREES CONFERRED BY MAJOR CATEGORY, F.Y. 1977, F.Y. 1981, & F.Y. 1982

Major Category	Number of Master's Degrees Conferred			Category Distribution		1-Year Changes (1982/1981)		5-Year Changes (1982/1977)	
	1977	1981	1982	1977	1982	Number	Perc't	Number	Perc't
Agriculture/Natural Resources	38	43	46	1%	1%	3	7%	8	21%
Architecture/Environ Design	74	71	62	1%	1%	-9	-13%	-12	-16%
Area Studies	30	34	24	0%	0%	-10	-29%	-6	-20%
Biological Studies	277	245	230	3%	3%	-15	-6%	-47	-17%
Business/Management	1,528	1,752	1,786	18%	24%	36	2%	258	17%
Communications	25	44	34	0%	0%	-10	-23%	9	36%
Computer/Information Sciences	131	247	347	1%	5%	100	40%	216	165%
Education	3,579	2,745	2,602	42%	35%	-143	-5%	-977	-27%
Engineering	493	480	502	6%	7%	22	5%	9	2%
Fine and Applied Arts	270	187	156	3%	2%	-31	-17%	-114	-42%
Foreign Languages	55	54	57	1%	1%	3	6%	2	4%
Health Professions	142	211	204	2%	3%	-7	-3%	62	44%
Home Economics	39	36	33	1%	0%	-3	-8%	-6	-15%
Letters	203	150	135	2%	2%	-15	-10%	-68	-33%
Library Science	183	160	117	2%	1%	-43	-27%	-66	-36%
Mathematics	165	79	66	2%	1%	-13	-16%	-99	-60%
Physical Sciences	165	153	147	2%	2%	-6	-4%	-18	-11%
Psychology	247	183	163	3%	2%	-20	-11%	-84	-34%
Public Affairs and Services	453	515	490	5%	7%	-25	-5%	37	8%
Social Sciences	312	217	179	4%	2%	-38	-18%	-133	-43%
Theological Professions	122	98	108	1%	1%	10	10%	-14	-11%
Interdisciplinary Studies	9	89	24	0%	0%	-65	-73%	15	167%
TOTAL, ALL CATEGORIES	8,540	7,793	7,512	100%	100%	-281	-4%	-1,028	-12%

Source: NCES HEGIS Form 2300-2.1 (Degrees and Other Formal Awards Conferred, 1977 through 1982).
Because percentages are rounded to whole numbers, percents that are less than one-half of one percent are shown as 0%.

Table A-11

SECTOR SUMMARY: DISTRIBUTION OF MASTER'S DEGREES CONFERRED BY MAJOR CATEGORY, F.Y. 1982

Major Category	Total Master's Degrees Conferred					Distribution of Master's Degrees Conferred*				
	State Colleges	Rutgers	NJIT	Independ. Colleges	Total	State Colleges	Rutgers	NJIT	Independ. Colleges	Total
Agriculture/Natural Resources	--	46	--	--	46	--	2%	--	--	1%
Architecture/Environ Design	--	39	--	23	62	--	2%	--	1%	1%
Area Studies	--	--	--	24	24	--	--	--	1%	0%
Biological Sciences	24	136	--	70	230	1%	7%	--	2%	3%
Business/Management	--	484	2	1,300	1,786	--	26%	1%	38%	24%
Communications	34	--	--	--	34	2%	--	--	--	0%
Computer/Information Sciences	7	48	20	272	347	0%	3%	11%	8%	5%
Education	1,641	225	--	736	2,602	80%	12%	--	21%	35%
Engineering	--	115	143	244	502	--	6%	83%	7%	7%
Fine and Applied Arts	75	39	--	42	156	4%	2%	--	1%	2%
Foreign Languages	10	37	--	10	57	0%	2%	--	0%	1%
Health Professions	120	25	--	59	204	6%	1%	--	2%	3%
Home Economics	17	16	--	--	33	1%	1%	--	--	0%
Letters	21	51	--	63	135	1%	3%	--	2%	2%
Library Science	8	109	--	--	117	0%	6%	--	--	2%
Mathematics	10	30	--	26	66	0%	2%	--	1%	1%
Physical Sciences	6	35	8	98	147	0%	2%	5%	3%	2%
Psychology	43	23	--	97	163	2%	1%	--	3%	2%
Public Affairs	--	315	--	175	490	--	17%	--	5%	6%
Social Sciences	33	88	--	58	179	2%	5%	--	2%	2%
Theological Professions	--	--	--	108	108	--	--	--	3%	1%
Interdisciplinary Studies	18	--	--	6	24	1%	--	--	0%	0%
TOTAL, ALL CATEGORIES	2,067	1,861	173	3,411	7,512	100%	100%	100%	100%	100%

Source: NCES HEGIS Form 2300-2.1 (Degrees and Other Formal Awards Conferred, F.Y. 1982).

*Because percentages are rounded to whole numbers, percents that are less than one-half of one percent are shown as 0%.

Table A-12

MASTER'S DEGREES CONFERRED BY MAJOR CATEGORY AT N.J. PUBLIC COLLEGES, F.Y. 1982

Major Category	Glassboro	Jersey City	Kean	Montclair	Trenton	William Paterson	Total, State Colleges	Camden Campus	Newark Campus	New Brunswick Campus	Total, Rutgers	N.J.I.T.	Total, Public Colleges
Agriculture/Natural Resources	--	--	--	--	--	--	--	--	--	46	46	--	46
Architecture/Environ Design	--	--	--	--	--	--	--	--	--	39	39	--	39
Biological Sciences	--	--	--	24	--	--	24	8	18	110	136	--	160
Business/Management	--	--	--	--	--	--	--	26	417	41	484	2	486
Communications	--	2	--	--	--	32	34	--	--	--	--	--	34
Computer/Information Sciences	--	--	--	7	--	--	7	--	--	48	48	20	75
Education	239	180	388	200	335	299	1,641	--	--	225	225	--	1,866
Engineering	--	--	--	--	--	--	--	--	--	115	115	143	258
Fine and Applied Arts	--	--	--	3[illegible]	[illegible]1	17	75	--	--	39	39	--	114
Foreign Languages	--	--	--	10	--	--	10	--	--	37	37	--	47
Health Professions	--	8	--	[illegible]5	57	--	120	--	10	1[illegible]	25	--	145
Home Economics	--	--	--	17	--	--	17	--	--	16	16	--	33
Letters	--	--	--	8	5	8	21	8	4	39	51	--	72
Library Science	8	--	--	--	--	--	8	--	--	109	109	--	117
Mathematics	--	--	--	10	--	--	10	--	--	30	30	--	40
Physical Sciences	--	--	--	6	--	--	6	--	13	22	35	8	49
Psychology	--	--	32	11	--	--	43	--	5	18	23	--	66
Public Affairs and Services	--	--	--	--	--	--	--	17	47	251	315	--	315
Social Sciences	--	1	--	25	--	7	33	--	20	68	88	--	121
Interdisciplinary Studies	--	--	18	--	--	--	18	--	--	--	--	--	18
TOTAL, ALL CATEGORIES	247	191	438	410	418	363	2,067	59	534	1,268	1,861	173	4,101

Source: NCES HEGIS Form 2300-2.1 (Degrees and Other Formal Awards Conferred, F.Y. 1982).

Table A-13

MASTER'S DEGREES CONFERRED BY MAJOR CATEGORY AT N.J. INDEPENDENT COLLEGES, F.Y. 1982

Major Category	Beth Medrash	Drew	FDU Madison	FDU Rutherford	FDU Teaneck	Georgian Court	Immaculate Seminary	Monmouth	New Bruns. Seminary	Princeton Seminary	Princeton University	Rider	St. Peter's	Seton Hall	Stevens	Upsala	Westminster	Total, Independent Colleges
Architecture/Environ Design	--	--	--	--	--	--	--	--	--	--	23	--	--	--	--	--	--	23
Area Studies	--	--	--	--	--	--	--	--	--	--	9	--	--	15	--	--	--	24
Biological Sciences	--	--	--	19	23	--	--	--	--	--	5	--	--	23	--	--	--	70
Business/Management	--	--	249	415	275	--	--	106	--	--	--	73	--	154	28	--	--	1,300
Computer/Information Sciences	--	--	--	--	79	--	--	11	--	--	--	--	--	--	182	--	--	272
Education	--	--	--	173	54	84	--	81	--	--	--	76	34	210	--	17	7	736
Engineering	--	--	--	--	31	--	--	2	--	--	78	--	--	--	133	--	--	244
Fine and Applied Arts	--	--	--	--	--	--	--	--	--	--	16	--	--	--	--	--	26	42
Foreign Languages	--	--	--	--	--	--	--	--	--	--	8	--	--	2	--	--	--	10
Health Professions	--	--	--	9	2	--	--	--	--	--	--	--	--	48	--	--	--	59
Letters	--	5	3	3	7	--	--	--	--	--	32	--	--	13	--	--	--	63
Mathematics	--	--	3	--	--	--	--	2	--	--	16	--	--	1	4	--	--	26
Physical Sciences	--	--	6	4	7	--	--	--	--	--	44	--	--	13	24	--	--	98
Psychology	--	--	26	--	35	--	--	--	--	--	9	--	--	--	27	--	--	97
Public Affairs and Services	--	--	4	55	--	--	--	--	--	--	47	68	--	1	--	--	--	175
Social Sciences	--	8	1	1	12	--	--	3	--	--	29	--	--	4	--	--	--	58
Theological Professions	23	--	--	--	--	--	10	--	4	71	--	--	--	--	--	--	--	108
Interdisciplinary Studies	--	4	--	--	--	--	--	2	--	--	--	--	--	--	--	--	--	6
TOTAL, ALL CATEGORIES	23	17	292	679	525	84	10	207	4	71	316	217	34	484	398	17	33	3,411

Source: NCES HEGIS Form 2300-2.1 (Degrees and Other Formal Awards Conferred, F.Y. 1982).

Table A-14

STATEWIDE SUMMARY: DOCTORAL AND FIRST-PROFESSIONAL DEGREES CONFERRED BY MAJOR CATEGORY, F.Y. 1977, F.Y. 1981, & F.Y. 1982

Major Category	Number of Doctoral/First-Professional Degrees Conferred			Distribution		1-Year Changes (1982/1981)		5-Year Changes (1982/1977)	
	1977	1981	1982	1977	1982	Number	Perc't	Number	Perc't
Agriculture/Natural Resources	19	8	9	1%	0%	1	-12%	-10	-53%
Architecture/Environ Design	8	10	3	0%	0%	-7	-70%	-5	-63%
Area Studies	4	7	15	0%	1%	8	114%	11	275%
Biological Studies	83	92	82	4%	3%	-10	-11%	-1	-1%
Business/Management	--	--	5	--	0%	5	--	5	--
Computer/Information Sciences	2	4	8	0%	0%	4	100%	6	300%
Education	111	120	109	6%	4%	-11	-9%	-2	-2%
Engineering	75	67	66	4%	3%	-1	-1%	-9	-12%
Fine and Applied Arts	12	15	12	1%	0%	-3	-20%	--	--
Foreign Languages	25	17	19	1%	1%	2	12%	-6	-24%
Health Professions	330	451	451	16%	18%	--	--	121	37%
Law	696	782	772	33%	31%	-10	-1%	76	11%
Letters	63	57	61	3%	3%	4	7%	-2	-3%
Library Science	7	3	6	0%	0%	3	100%	-1	-14%
Mathematics	43	35	30	2%	1%	-5	-14%	-13	-30%
Physical Sciences	91	82	88	4%	4%	6	7%	-3	-3%
Psychology	71	69	47	4%	2%	-22	-32%	-24	-34%
Public Affairs and Services	8	7	12	0%	0%	5	71%	4	50%
Social Sciences	78	86	68	4%	3%	-18	-21%	-10	-13%
Theological Professions	352	488	646	17%	26%	158	32%	294	84%
Interdisciplinary Studies	3	5	3	0%	0%	-2	-40%	--	--
TOTAL, ALL CATEGORIES	2,081	2,405	2,512	100%	100%	107	4%	431	21%

Source: NCES HEGIS Form 2300-2.1 (Degrees and Other Formal Awards Conferred, 1977 through 1982).

Because percentages are rounded to whole numbers, percents that are less than one-half of one percent are shown as 0%.

Table A-15

SECTOR SUMMARY: DISTRIBUTION OF DOCTORAL AND FIRST-PROFESSIONAL DEGREES CONFERRED BY MAJOR CATEGORY, F.Y. 1982

Major Category	Total Doctoral Degrees Conferred					Distribution of Doctoral Degrees Conferred*				
	Rutgers	UMDNJ	NJIT	Independ. Colleges	Total	Rutgers	UMDNJ	NJIT	Independ. Colleges	Total
Agriculture/Natural Resources	9	--	--	--	9	1%	--	--	--	0%
Architecture/Environ Design	2	--	--	1	3	0%	--	--	0%	0%
Area Studies	--	--	--	15	15	--	--	--	1%	1%
Biological Sciences	61	8	--	13	82	8%	2%	--	1%	3%
Business/Management	--	--	--	5	5	--	--	--	0%	0%
Computer/Information Sciences	3	--	--	5	8	0%	--	--	0%	0%
Education	99	--	--	10	109	13%	--	--	1%	4%
Engineering	21	--	7	38	66	3%	--	100%	3%	3%
Fine and Applied Arts	4	--	--	8	12	1%	--	--	1%	0%
Foreign Languages	12	--	--	7	19	2%	--	--	1%	1%
Health Professions	3	371	--	77	451	0%	98%	--	6%	18%
Law	431	--	--	341	772	54%	--	--	26%	31%
Letters	25	--	--	36	61	3%	--	--	3%	3%
Library Science	6	--	--	--	6	1%	--	--	--	0%
Mathematics	11	--	--	19	30	1%	--	--	1%	1%
Physical Sciences	23	--	--	65	88	3%	--	--	5%	4%
Psychology	42	--	--	5	47	5%	--	--	0%	2%
Public Affairs and Services	12	--	--	--	12	2%	--	--	--	0%
Social Sciences	27	--	--	41	68	3%	--	--	3%	3%
Theological Professions	--	--	--	646	646	--	--	--	48%	26%
Interdisciplinary Studies	1	--	--	2	3	0%	--	--	0%	0%
TOTAL, ALL CATEGORIES	792	379	7	1,334	2,512	100%	100%	100%	100%	100%

Source: NCES HEGIS Form 2300-2.1 (Degrees and Other Formal Awards Conferred, F.Y. 1982).

*Because percentages are rounded to whole numbers, percents that are less than one-half of one percent are shown as 0%.

Table A-16

DOCTORAL AND FIRST-PROFESSIONAL DEGREES CONFERRED BY MAJOR CATEGORY AT N.J. PUBLIC AND INDEPENDENT COLLEGES, F.Y. 1982

	PUBLIC COLLEGES							INDEPENDENT COLLEGES									
Major Category	Rutgers, Camden	Rutgers, Newark	Rutgers, New Brunswick	Total, Rutgers	N.J.I.T.	U.M.D.N.J.	Total, Public Colleges	Beth Medrash	Drew	FDU, Teaneck	Immaculate Seminary	New Brunswick Seminary	Princeton Seminary	Princeton University	Seton Hall	Stevens	Total, Independent Colleges
Agriculture/Natural Resources	--	--	9	9	--	--	9	--	--	--	--	--	--	--	--	--	--
Architecture/Environ Design	--	--	2	2	--	--	2	--	--	--	--	--	--	1	--	--	1
Area Studies	--	--	--	--	--	--	--	--	--	--	--	--	--	15	--	--	15
Biological Sciences	--	6	55	61	--	8	69	--	--	--	--	--	--	13	--	--	13
Business/Management	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5	5
Computer/Information Sciences	--	--	3	3	--	--	3	--	--	--	--	--	--	--	--	5	5
Education	--	--	99	99	--	--	99	--	--	--	--	--	--	--	--	--	10
Engineering	--	--	21	21	7	--	28	--	--	10	--	--	--	38	--	--	38
Fine and Applied Arts	--	--	4	4	--	--	4	--	--	--	--	--	--	8	--	--	8
Foreign Languages	--	--	12	12	--	--	12	--	--	--	--	--	--	7	--	--	7
Health Professions	--	--	3	3	--	371	374	--	--	77	--	--	--	--	--	--	77
Law	200	231	--	431	--	--	431	--	--	--	--	--	--	--	341	--	341
Letters	--	--	25	25	--	--	25	--	8	--	--	--	--	28	--	--	36
Library Science	--	--	6	6	--	--	6	--	--	--	--	--	--	--	--	--	--
Mathematics	--	--	11	11	--	--	11	--	--	--	--	--	--	17	--	2	19
Physical Sciences	--	6	17	23	--	--	23	--	--	--	--	--	--	57	3	5	65
Psychology	--	6	36	42	--	--	42	--	--	--	--	--	--	5	--	--	5
Public Affairs and Services	--	3	9	12	--	--	12	--	--	--	--	--	--	--	--	--	--
Social Sciences	--	--	27	27	--	--	27	--	--	--	--	--	--	41	--	--	41
Theological Professions	--	--	--	--	--	--	--	191	161	--	72	19	203	--	--	--	646
Interdisciplinary Studies	--	--	1	1	--	--	1	--	2	--	--	--	--	--	--	--	2
TOTAL, ALL CATEGORIES	200	252	340	792	7	379	1,178	191	171	87	72	19	203	230	344	17	1,334

Source: NCES HEGIS Form 2300-2.1 (Degrees and Other Formal Awards Conferred, F.Y. 1982).

N.J. DEPARTMENT OF HIGHER EDUCATION

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1. Opening Fall Enrollment in New Jersey Colleges & Universities, Fall 1980 and Recent Trends, ORM Volume 1: Brief Number 1,

2. Degrees and Other Formal Awards Conferred by New Jersey Colleges & Universities F.Y. 1980 and Recent Trends, ORM Volume 1: Brief Number 2 March 1981.

3. Profile of Full-Time First-Time Freshmen: Fall 1980 and Recent Trends, ORM Volume 1: Brief Number 3, June 1981.

4. Student Characteristics Profile: Fall 1980 and Recent Trends, ORM Volume 1: Brief Number 4, September 1981.

5. Tuition & Required Fees New Jersey Colleges & Universities: 1976-77 Through 1981-82, ORM Volume 2: Brief Number 1, December 1981.

6. Degrees and Other Formal Awards Conferred By New Jersey Colleges & Universities F.Y. 1981 and Recent Trends, ORM Volume 2: Brief Number 2, April 1982.